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Title Discriminating method of an optical disc device for ascertaining the format of an loaded optical disc

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Inventor CHEN, CHUN-TA TW;
YEN, SHENG-HSIEN TW

Applicant VIA TECHNOLOGIES, INC. TW

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Abstract A discriminating method of ascertaining the format of the loaded optical disc for an optical disc device is disclosed. When the optical disc device operates under a close-loop control, related central error signal is amplified and measured, while the peak-to-peak value of the amplified central error signal is then compared with a threshold. The loaded optical disc will be discriminated as a R-type medium if the peak-to-peak value of the amplified central error signal is larger than the threshold. On the contrary, the loaded optical disc is identified as a ROM-type medium if the peak-to-peak value of the amplified central error signal is smaller than the threshold.